

19990809.qrp v01_n543.qrl.990809

Date: Mon, 9 Aug 1999 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1543

QRP-L Digest 1543

Topics covered in this issue include:

- 1) [47154] Re: Universal Time Coordinated
by Glen Reid <k5fx@flash.net>
- 2) [47155] Re: Universal Time Coordinated
by Glen Reid <k5fx@flash.net>
- 3) [47156] Re: Enclosure material for antenna tuners?
by Robert L Kellogg <ae4ic@nr.infi.net>
- 4) [47157] Re: 40 mtr Fox Hunt Teams (fwd)
by k5zty@juno.com
- 5) [47158] Re: 40 mtr Fox Hunt Teams (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
- 6) [47159] Re: OT: VE Testing
by af852@rgfn.epcc.edu (William R Colbert)
- 7) [47160] Re: Maintaining QRP Motivation
by "Chuck Adams K7Q0" <adams@ticnet.com>
- 8) [47161] Ten-Tec 515
by "Ron Polityka" <wb3aal@talon.net>
- 9) [47162] S0239 "D" Punch
by "Dan Reynolds" <bcdlr@midwest.net>
- 10) [47163] manuals available
by n5ib@juno.com
- 11) [47164] FOX HUNT TEAM WANTED!
by hamjoel@juno.com
- 12) [47165] Re: Maintaining QRP Motivation
by Monte Stark <ku7y@dri.edu>
- 13) [47166] WTB: #2 guage wire
by Roy Lincoln <wa4dou@usa.net>
- 14) [47167] Re: DX QSL Question (QRP)
by "Jim Marciniak" <n1rui@together.net>
- 15) [47168] MFJ-9015 SOLD
by Roy Lincoln <wa4dou@usa.net>
- 16) [47169] OT Re: NAQP
by Monte Stark <ku7y@dri.edu>
- 17) [47170] Re: manuals available
by n5ib@juno.com
- 18) [47171] observations of an intermediate toroid winder
by "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
- 19) [47172] ISO International Date Standards DO exist!

- by "Mike Pupeza" <mpupeza@csolve.net>
- 20) [47173] RE: #2 guage wire
by "Tracy" <tracy@bytemark.com>
- 21) [47174] Ten Tec Century 22 (Forwarded msg)
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 22) [47175] What's 30dB Amongst Friends?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 23) [47176] Re: ISO International Date Standards DO exist!
by Bob Nielsen <nielsen@primenet.com>
- 24) [47177] DSW-40: It's alive!
by GElam30092@aol.com
- 25) [47178] Re: DX QSL Question (QRP)
by Bob Patten <n4bp@bc.seflin.org>
- 26) [47179] RE: DSW 40 It's alive in Az
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcusa.cu>
- 27) [47180] Re: DSW-40: It's alive!
by Bob Nielsen <nielsen@primenet.com>
- 28) [47181] Re: A wire wrap question
by "Leon Heller" <leon_heller@hotmail.com>
- 29) [47182] N4BP Website
by Bob Patten <n4bp@bc.seflin.org>
- 30) [47183] Soldering crystal cans resolved - Thanks !
by matti.niskanen@yle.fi
- 31) [47184] Re: BNC Connectors
by Zack Lau <zlau@arrl.org>
- 32) [47185] QRP Afield: Rules/ Announcement
by Bensondj@aol.com
- 33) [47186] "Standard QRP frequencies" ?
by JPD <jdanter@mail.i-america.net>
- 34) [47187] Argo 515 Sold; CW Filter Available
by RobCap@aol.com
- 35) [47188] Re: DSW 40 It's alive in Az
by GElam30092@aol.com
- 36) [47189] Re: DSW-40: It's alive!
by GElam30092@aol.com
- 37) [47190] Re: Universal Time Coordinated
by Andy Fox <foxes@theriver.com>
- 38) [47191] Inductors
by Andy Fox <foxes@theriver.com>
- 39) [47192] Re: OT: VE Testing
by The Boices <boice@bigfoot.com>
- 40) [47193] OHR 500 Sidetone Distortion Mod
by "Charlie Fitts" <cfitts@neca.com>
- 41) [47194] Maryland needs team members
by Scott Howell <whowell@hq.nasa.gov>
- 42) [47195] FOX TEAM QUESTION
by hamjoel@juno.com
- 43) [47196] Re: THANK YOU\! (was: pacemakers & ham radio)

- by "Ed Hare, W1RFI" <w1rfi@arrl.net>
- 44) [47197] Circular Punch for Manhattan Style Construction..
by "Phinizy, William" <wphinizy@filenet.com>
- 45) [47198] Re: Circular Punch for Manhattan Style Construction..
by Michael Melland <badger@vbe.com>
- 46) [47199] BNC's for RG8 and "D" punches
by Monte Stark <ku7y@dri.edu>
- 47) [47200] Re: ZM-2 calibration experiments?
by Ed Loranger <we6w@qsl.net>
- 48) [47201] K2K / Special Event
by "David Hurley,n2zhy" <n2zhy@amsat.org>
- 49) [47202] Re: QRP Afield: Rules/ Announcement
by PUNISHER3@aol.com
- 50) [47203] RE: S0239 "D" Punch
by "Ed Tanton" <n4xy@att.net>
- 51) [47204] Re: OT: VE Testing
by Bob Nielsen <nielsen@primenet.com>
- 52) [47205] cincinnati qrp club
by "wb8qyy" <wb8qyy@one.net>
- 53) [47206] WSN-40 Net, summary report.
by Ed Loranger <we6w@qsl.net>
- 54) [47207] Re: OT: VE Testing
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 55) [47208] New OHR100A Pictures
by "Marshall Emm" <mgemm@mtechnologies.com>
- 56) [47209] Re: BNC's for RG8 and "D" punches
by "George T. Baker" <w5yr@swbell.net>
- 57) [47210] Early impressions: End Fed antenna.
by Ed Loranger <we6w@qsl.net>
- 58) [47211] Re: BNC's for RG8 and "D" punches
by Monte Stark <ku7y@dri.edu>
- 59) [47212] EE text suggestions requested for self-study
by Allan G Taylor <k7gt@arrl.net>
- 60) [47213] Hi gain wires
by "Mark Hogan" <mhogan@email.msn.com>
- 61) [47214] RE: Hi gain wires
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 62) [47215] Re: BNC's for RG8 and "D" punches
by K2UD@aol.com
- 63) [47216] Re: QRP Afield: Rules/ Announcement
by Bensondj@aol.com
- 64) [47217] Re: A wire wrap question
by "John Moriarity" <k6qq@hdo.net>
- 65) [47218] Portable vertical idea
by Goran Hosinsky <hosinsky@royac.iac.es>
- 66) [47219] tt 1253 regen
by mike kc4idz <santomas@gte.net>
- 67) [47220] NOV/DEC 1998 QEX REGEN RCVR

by "Randy Jouett" <rules@bellsouth.net>
68) [47221] Re: Heathkit Green
by "Philip G. Collier" <borealis@juno.com>
69) [47222] Re: NAQP
by Larry Cahoon <wd3p@juno.com>

Date: Sun, 08 Aug 1999 18:11:32 -0500
From: Glen Reid <k5fx@flash.net>
To: Monte Stark <ku7y@dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47154] Re: Universal Time Coordinated
Message-ID: <37AE0EA4.EBA9F018@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Monte Stark wrote:

> And if you had put it ... like 7Aug99 everyone
> would have understood it!
>

I agree that abbreviating the month in letters appears to solve the problem, but when you consider that in Europe alone -- the month August can be abbreviated:

Aug\Elo\Aou\Auy\Ago\Sie\Avg depending on you native tongue and, at least two other ways that are impossible to convert logically to an english equivalents due to the use of the cyrillic and greek alphabets;

It seems that a numeric standard format is still more desirable.

As others have pointed out in this discussion, a numeric standard is more "data processing friendly". Very important in times when DX peditions that make 100k Q's and all QSL are generated by computer from computerized log files.

I will be sticking to numbers.

73

gr

--

GLEN REID
K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5fx@arrl.net

Date: Sun, 08 Aug 1999 18:12:26 -0500
From: Glen Reid <k5fx@flash.net>
To: Monte Stark <ku7y@dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47155] Re: Universal Time Coordinated
Message-ID: <37AE0EDA.D70C8B1B@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

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I will be sticking to numbers.

73

gr

--

GLEN REID
K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5fx@arrl.net

Date: Sun, 08 Aug 1999 16:43:02 -0700
From: Robert L Kellogg <ae4ic@nr.infi.net>
To: paule@sfu.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47156] Re: Enclosure material for antenna tuners?
Message-ID: <37AE1606.93A2248F@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul,

I like to use a non-ferrous metal like copper or aluminum and keep the air core coils at least two diameters from the enclosure surface. I think this summarizes what I've read on the subject.

Wooden or plastic enclosures work, also, but you have to be aware of what you're setting the enclosure on or near. I have a very efficient "L" design in a wooden enclosure, but it's big. If you use the two diameter rule, and watch where the stator of capacitors are placed, (the rotor is usually grounded), plastic is fine. I use the non-ferrous metal most of the time, (as a shield) just so I don't have to worry where I place the tuner.

Paul Erickson wrote:

>

> I am planning on building some small tuners for portable use,
> and was wondering if there were any relivant issues in terms
> of choosing metal or plastic enclosures.

Hope this helps.

CUL,
Bob Kellogg, AE4IC Greensboro, NC
Probably, not nececelery. - Benny Hill

Date: Sat, 7 Aug 1999 15:54:54 -0500
From: k5zty@juno.com
To: rattray@gpfn.sk.ca
Cc: qrp-1@lehigh.edu
Subject: [47157] Re: 40 mtr Fox Hunt Teams (fwd)
Message-ID: <19990808.183506.6686.2.k5zty@juno.com>

Hi Bruce,

The Houston Hounds will be back for a repeat. We intend to retire this plaque right here in Houston with our name on all 12 of the little plates.

See you in the hunt,

Bill, K5ZTY
Bill, W5SB
Terry, KQ5U
Dan, KK5LD

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Date: Sun, 8 Aug 1999 18:29:12 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-1@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [47158] Re: 40 mtr Fox Hunt Teams (fwd)
Message-ID: <Pine.LNX.3.95.990808182118.5057C-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The gauntlet has been thrown down folks!!.....the Houston Hounds, who captured the 40 mtr Fox Hunt Team competition plaque, sponsored by QRP-Canada, have no intention of coming in second place this year.....or any year for that matter!.....the Hounds figure they're going to keep the

Plaque in Houston for the next 11 years!...who will pick up the gauntlet?.....who will answer the Hounds' challenge?....methinks the FUN has already begun!....HI HI HI.....72 - Bruce(VE5RC+VE5QRP)

----- Forwarded message -----

Date: Sat, 7 Aug 1999 15:54:54 -0500
From: k5zty@juno.com
To: ratttray@gpfn.sk.ca
Cc: qrp-1@lehigh.edu
Subject: Re: 40 mtr Fox Hunt Teams (fwd)

Hi Bruce,

The Houston Hounds will be back for a repeat. We intend to retire this plaque right here in Houston with our name on all 12 of the little plates.

See you in the hunt,

Bill, K5ZTY
Bill, W5SB
Terry, KQ5U
Dan, KK5LD

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Date: Sun, 8 Aug 1999 18:38:51 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: jeff@n9avg.org, qrp-1@lehigh.edu
Subject: [47159] Re: OT: VE Testing
Message-ID: <199908090038.SAA12963@rgfn.epcc.edu>

Well, as a registered ARRL VE, I would prefer the ARRL session, but then again I have never seen a W5YI session or those done by any of the other VEC groups. If you look at the ARRL letter for the past few weeks, you will notice a number of re-tests or licenses cancelled, even some having to retest before a FCC examiner - unheard of in recent times. AS far as I know, none of the retestees were the result of ARRL test sessions. Which must mean something for the other

sessions. It is more relaxed, but no funny business allowed, and it is graded while you wait, and the csce is issued, providing you pass, before you leave. However, the call of which you would feel more comfortable with will be yours.

Good luck

73

Ray

--

Ray Colbert, W5XE

00TC 3618, SOWP 1064M

El Paso, Tx (FAR WEST TEXAS!)

also: w5xe@juno.com

Date: Sun, 8 Aug 1999 19:44:47 -0500
From: "Chuck Adams K7Q0" <adams@ticnet.com>
To: ac5k@ih2000.net
Cc: qrp-1@lehigh.edu
Subject: [47160] Re: Maintaining QRP Motivation
Message-ID: <E11DcOW-0007LW-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gang,

On motivation and this is just one idea.

At the Austin QRP Forum, after talking about the GM-30 and asking the group about WAS, I was surprised to find out that I was the only person in the room to have Worked All States (WAS).

I am not saying it is easy to do all 50 states. It took me more than 3.5 years on 30 meters to get all 50 at 0.95W and I might have done it sooner at 5W. Don't know as from TX during that entire time I only heard KL7 three times, but the sunspots are much higher now and it should be doable on the higher bands. I recommend 17m and 12m for starters during the daytime and early evenings and then 30m after dark and 40m when the QRN dies down.

So at Austin I challenged the entire room to work all states by next year. Since I have a new call, I have to do it all over again. So the count on August 7, 1999 0000UTC is officially at zero for everyone at the meeting as we'll see next year how everyone is doing and report back.

Stu, K5KVH, has the list of attendees, so we are keeping a list and checking it twice. :-) You will be getting email from me to remind you and check up on how you are doing.

QRP ARCI has an award for WAS, but you don't have to have all 50 states to get it. 20 will get you the certificate and then endorsements for 30, 40, and 50 states follow.

<http://www.qrparci.org/>

On the QRP QSLs. W4MPY QSLs has a card with the QRP ARCI logo on it if you want a card that shows you are a QRPer and a member of ARCI.

FYI

Chuck Adams K7Q0/5 adams@ticnet.com <http://www.qsl.net/k7qo/>

Date: Sun, 8 Aug 1999 20:49:26 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [47161] Ten-Tec 515
Message-ID: <017101bee201\$09001e80\$3ce508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry for the band width.

A few weeks ago someone was looking for information on the TT515 rig. I was going to copy the specs and e-mail them to him. I lost the address!

If this was you please drop me a direct e-mail.

Thanks,

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal #	Zombie #625
ARS # 380	Bumblebee #15

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Sun, 8 Aug 1999 19:55:43 -0500
From: "Dan Reynolds" <bcdlr@midwest.net>
To: "qrp-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [47162] S0239 "D" Punch
Message-ID: <003f01bee201\$e96e09a0\$312bebd0@bcdlr>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anybody know where you can get a D shaped punch for S0239s that mount with nuts? I've gotten about a zillion from work. They were used for video in an old computer control system and regardless whether S0/PLs or BNCs are better - free is better still! :-)

+Peace
Dan Reynolds KB9JL0
bcdlr@midwest.net

Date: Sun, 08 Aug 1999 20:56:01 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [47163] manuals available
Message-ID: <19990808.194644.4767.0.N5IB@juno.com>

I have the following manuals, found during shack cleaning. The gear has long departed ...

- 1) Heathkit HWA-7-1 Power Supply for HW series rigs - don't know what happened to the PS
- 2) Heathkit HM-2102 VHF wattmeter - meter is in hands of a former boss (a ham) - long story :^)
- 3) Hy-Gain TH3-Mk2 Thunderbird - don't think I ever had the actual antenna
- 4) Johnson Viking Challenger xmtr - my 2nd rig as a Novice in the 60's - after the KnightKit T-60

All or any of the above FREE for an S.A.S.E. with sufficient postage.
Reply privately if you need one of these.

On a related note - I'm looking for a service manual for Kenwood's TS-430S - don't really need the whole thing, just an alignment procedure for re-centering the IF shift control

72,
Jim N5IB

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Date: Sun, 8 Aug 1999 21:19:03 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [47164] FOX HUNT TEAM WANTED!
Message-ID: <19990808.211954.-209755.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Y'all

Any bodies in MAINE wanna get together for a fox hunting team... u kneaux... Fox hunting.. the way it should be...

Maine's the winning team... if we can get one formed...

Joel KE1LA

In Maine

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 8 Aug 1999 18:22:51 -0700 (PDT)

From: Monte Stark <ku7y@dri.edu>

To: Chuck Adams K7Q0 <adams@ticnet.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [47165] Re: Maintaining QRP Motivation

Message-ID: <Pine.GS0.4.10.9908081820560.25368-1000000@rotor.dri.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 8 Aug 1999, Chuck Adams K7Q0 wrote:

>

> QRP ARCI has an award for WAS, but you don't have to
> have all 50 states to get it. 20 will get you the certificate
> and then endorsements for 30, 40, and 50 states follow.

>

> <http://www.qrparci.org/>

>

> On the QRP QSLs. W4MPY QSLs has a card with the QRP ARCI
> logo on it if you want a card that shows you are a
> QRPer and a member of ARCI.

And on my cards from W4MPY there is a date box with the
headings in place for Day Month Year.

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@sage.dri.edu.....Washoe Lake, Nevada....

....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: 8 Aug 99 21:41:28 EDT
From: Roy Lincoln <wa4dou@usa.net>
To: qrp-l@lehigh.edu
Subject: [47166] WTB: #2 guage wire
Message-ID: <19990809014128.1598.qmail@www0j.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi Gang,

Looking for 150-200 feet of #2 wire, preferrably stranded, for the grou=nd system under my soon to be tower. Anyone know where a deal can be found in the Carolinas or Va., maybe further depending on weight and shipping. Thanks =es 73
Roy Lincoln WA4DOU Elm City, N.C.

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>
1

Date: Sun, 8 Aug 1999 21:41:02 -0400
From: "Jim Marciniak" <n1rui@together.net>
To: <n4bp@bc.seflin.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47167] Re: DX QSL Question (QRP)
Message-ID: <002c01bee208\$5679ef40\$c004fea9@n1rui>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I agree, it is a familiar scenario to me too - except this guy called using MY CALLSIGN! At the least, this is bad form, but he completed the entire contact as me. I not only had to not log the contact, I've had to deal with a QSL request I can't confirm.

It really makes me wonder how many stations allow a friend to "help" a little too much.

72,

- Jim

----- Original Message -----

From: Bob Patten <n4bp@bc.seflin.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Sunday, August 08, 1999 5:51 PM

Subject: Re: DX QSL Question (QRP)

> >

> Very familiar scenario, Jim. Many times while contesting, I've had both
> strangers and friends "relay" an exchange that I was unable to copy. But
> no need to be involved in cheating OR to lose a friend. Just don't log
> the contact and hope you can make it later while explaining to the friend
> that he should not try to "help" in the future. Works for me...

>

> 73,

> ' ' ' ' ,

> Bob Patten, N4BP (0 0) Plantation, FL

>

-----o00o-()-o00-----

>

>

E-Mail: n4bp@bc.seflin.org

>

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

>

Brass Pounder BBS: (954) 472-7715

>

Date: 8 Aug 99 22:00:20 EDT

From: Roy Lincoln <wa4dou@usa.net>

To: qrp-1@lehigh.edu

Subject: [47168] MFJ-9015 SOLD

Message-ID: <19990809020020.20567.qmail@nwcst021.netaddress.usa.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: quoted-printable

Content-Transfer-Encoding: quoted-printable

Thanks all, the MFJ-9015 is tentatively sold! 73 Roy WA4DOU

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=>

1

Date: Sun, 8 Aug 1999 18:58:54 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47169] OT Re: NAQP
Message-ID: <Pine.GS0.4.10.9908081839240.25488-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Opps..... I had failed to start that contest post with a
OT to let the filters work for those who don't like the
off qrp topics posts!

That one slap on the wrist due me!

The other slap is that I forgot to note on the summary
info that I was running the full 100w! That really made
it a NON QRP post!

This is the one contest I run with full power just to
get a bit of "rate" and I posted the info to show just
how bad the condx were.

Bob, N4BP, (we only worked on 15m) had a much better
showing at 700 or so QSOs, also with 100w.

The reason was to show how poor the condx were. I have
not seen a score over 1K QSOs yet and that's what won
the last one!

Loud stations not hearing you.....

Lots of reasons for this. Often someone will park right
next to you and you either have to use a narrower filter
or just not be able to hear any weak stations. The trade
off is that with the narrow filter the calling stations
must be within a couple of hundres cycles of your freq,
a feat that many can't/don't do so you miss calls.

For me it was simple....most of the time I could only
hear a dit and dah down in the "mud". Early on the noise
was S9 and over. No weak sig's heard! :-) But I also
didn't call CQ during those very bad times. I'd just
S&P for loud stations!

But be aware that people really do want your contact and will work very hard to get it! The only AK station I worked needed to send his call about 10 times before I got it. Then I got 3 out of 5 letters of his name. It was always the same two letter that a static crash would cover up! He must have sent his name 15-20 times before the timing came out so I could get the missing letters! The state only took one repete.

The fellow who won last Jan, Tom, K5RC lives just up the hill from me and he only got about 850 QSOs this year, down over 250 from then!

So for those who were wondering why the bands seemed so bad, it's because they really were!

It hard to contest in the summer! :-)

Now I'll go slap my wrists!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 08 Aug 1999 22:46:09 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [47170] Re: manuals available
Message-ID: <19990808.213653.4767.6.N5IB@juno.com>

as of 0248 Z, 9 Aug 1999

- >1) manual for Heathkit HWA-7-1 Power Supply for HW series QRP rigs
- >2) manual for Heathkit HM-2102 VHF wattmeter
- >3) manual for Hy-Gain TH3-Mk2 Thunderbird
- >4) manual for Johnson Viking Challenger xmtr

(1) and (2) have been spoken for ... (3) and (4) still here..... FREE for an S.A.S.E.

Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 8 Aug 1999 22:09:45 -0500 (CDT)
From: "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
To: qrp-1@lehigh.edu
Subject: [47171] observations of an intermediate toroid winder
Message-ID: <Pine.LNX.4.04.9908082150470.19185-1000000@divis17.ped-gen.uiowa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi all.

i thought i'd share some observations i've made winding toroids. not being an expert by any stretch, i can still learn new tricks, but with enough experience, i can discard other tricks that i don't like as much as what i've already got.

BESTEST THING: Crochet hooks. Several have mentioned them here over the past few years. I thought i was doing ok with just my fingers. Then i saw Jim Kortge's, K8IQY, 2N2222 rig at dayton. The whole deal was beautiful, but i was really admiring the windings of his toroids - so neat and perfect. He told me he uses the crochet hooks. After getting home, i bought 2 (a small and a big). instant improvement. not any faster in my hands, but much tighter, neater, consistant. THANKS JIM!

Wind an extra turn then take off the 1st: i came up with this by myself because i was never happy with the first turn. i'll bet others have come up with this also, well before me!

Starting the winding in the middle and working both ways: didn't come out neatly at all for me. it was obvious that something was different with the turns in the middle.

Stripping the wire: i tried lots of different methods. i just RE-Re-Tried the solder blob on the soldering iron tip method. still doesn't work well for me. i'm sticking with the lighter followed by sand-paper. and before anybody tells me that i should use good wire - i've tried it on all kinds of magnet wire with several different soldering irons.

OVERALL: different strokes for different folks.

Hope this helps some beginners.

--adam, ak0p
adam-kanis@uiowa.edu

Date: Sun, 8 Aug 1999 23:25:44 -0400
From: "Mike Pupeza" <mpupeza@csolve.net>
To: <qrp-1@lehigh.edu>
Subject: [47172] ISO International Date Standards DO exist!
Message-ID: <007e01bee216\$ef578200\$80a83dcf@Mike>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dated 1999-08-09- 031525

International Standards for MANY things DO EXIST!

ISO is an accepted WORLD STANDARD!

International Standards Organization!

Unfortunately, of the 300+ countries that have accepted the standard, there is ONE holdout.

Also, unfortunately, that ONE country produces MOST of the software that the rest of the world uses. That sets our computerized dates - Bill Gates and wannabees, followers, etc.!

In addition, that ONE country still holds most of the cards in the deck!

So, we wait, we hope, and still admire our neighbour to the south! Someday!! eh?

I'm not sure that I could actually handle my 4' by 8' sheets of plywood/drywall going to metric - BUT it would be easier!

Wouldn't it be great to have one set of wrenches! And screwdrivers!
(Remember our Canadian Squarehead -or Robertson Screws!)

Especially if we all did it!

Michael Pupeza VE3EQP

283 Peek-a-Boo Trl RR# 2
Penetanguishene, ON
Canada L9M 1R2
(705) 549-3220

Date: Sun, 8 Aug 1999 23:42:32 -0400
From: "Tracy" <tracy@bytemark.com>
To: <wa4dou@usa.net>
Cc: "QRP-L" <qrp-l@lehigh.EDU>
Subject: [47173] RE: #2 guage wire
Message-ID: <NCBBICHAOKICOGKID00GEEDMCLAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Skycraft down here is the best source of wire ... I found out they have a
website ... www.skycraftsurplus.com

They have a link to their wire directory on their front page.

Not affiliated, just overwhelmed every time I walk in.

Tracy N4LGH

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Roy
Lincoln
Sent: Sunday, August 08, 1999 9:41 PM
To: Low Power Amateur Radio Discussion
Subject: WTB: #2 guage wire

Hi Gang,

Looking for 150-200 feet of #2 wire, preferrably stranded, for the ground
system under my soon to be tower. Anyone know where a deal can be found in
the
Carolinas or Va., maybe further depending on weight and shipping. Thanks es
73
Roy Lincoln WA4DOU Elm City, N.C.

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Sun, 08 Aug 1999 19:59:48 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [47174] Ten Tec Century 22 (Forwarded msg)
Message-ID: <37AE5234.663978C3@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This may be too late for the one of you that was looking (posting here on QRP-L) but here was an ad that popped up today.

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska
<mailto:al7fs@qsl.net>
ICQ 11022915

=====
Date: Sun, 8 Aug 1999 22:46:46 -0500
From: "Jack Van Demark" <jackv@wt.net>
Subject: [TenTec] FS TenTec Century 22 with accessories

I have a really nice TenTec Century 22 loaded. It has the matching power
=
supply and TenTec marker and Keyer. The radio is extremely nice and has
=
only a small mark on the right side of the lower case. I will ship and =
insure in the lower 48 for \$425 obo.

Thanks
Jack WN5A

End of Ten Tec Digest V2 #256

--

Date: Sun, 8 Aug 1999 23:12:49 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: "QRP-L Distribute" <qrp-l@Lehigh.EDU>
Subject: [47175] What's 30dB Amongst Friends?
Message-ID: <008b01bee21d\$720df980\$7037a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I answered a CQ from Michigan tonight on 14.060 MHz and after with both exchanged 599 reports (at least mine was honest) and were a little deeper into the QSO I told him I was only using 1W. He replied that he was using 1 kW. We still enjoyed a nice QSO but I thought it was interesting to note that he never turned off his amplifier even though he obviously had no problem hearing my 1 W. I guess it is just some kind of mindset?

Oh yes, I did thank him for his patience and skill :-)

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Sun, 8 Aug 1999 21:50:24 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-l@lehigh.edu
Subject: [47176] Re: ISO International Date Standards DO exist!
Message-ID: <19990808215024.B23359@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

At least we use 40 meters, not 131.2 feet to identify the band. There is an interstate (I-19) which runs approximately 60 miles from here to the Mexican border. The mileposts (km-posts?) and distances are in metric, but the speed limits are posted in miles/hr (but officer, the sign said I could go 100). Actually there are also mileposts (in miles) which are rotated 90 degrees so the police can tell where they are.

In Linux, I can specify the date format to present it in a variety of ways:

```
$ date  
Sun Aug  8 21:30:58 MST 1999
```

```
$ date +%T %d-%b-%Y'  
21:36:07 08-Aug-1999
```

```
$ date --utc +%T %d-%b-%Y'  
04:37:34 09-Aug-1999
```

Bob, w6swe/7

On Sun, Aug 08, 1999 at 11:25:44PM -0400, Mike Pupeza wrote:

> Dated 1999-08-09- 031525

>

> International Standards for MANY things DO EXIST!

>

> ISO is an accepted WORLD STANDARD!

>

> International Standards Organization!

>

> Unfortunately, of the 300+ countries that have accepted the standard, there
> is ONE holdout.

> Also, unfortunately, that ONE country produces MOST of the software that the
> rest of the world uses. That sets our computerized dates - Bill Gates and
> wannabees, followers, etc.!

>

> In addition, that ONE country still holds most of the cards in the deck!

>

> So, we wait, we hope, and still admire our neighbour to the south! Someday!!
> eh?

>

> I'm not sure that I could actually handle my 4' by 8' sheets of
> plywood/drywall going to metric - BUT it would be easier!

>

> Wouldn't it be great to have one set of wrenches! And screwdrivers!
> (Remember our Canadian Squarehead -or Robertson Screws!)

>

> Especially if we all did it!

>

>

> Michael Pupeza VE3EQP

> 283 Peek-a-Boo Trl RR# 2

> Penetanguishene, ON

> Canada L9M 1R2

> (705) 549-3220

>

--

Bob Nielsen

Tucson, AZ

DM42nh

Internet: nielsen@primenet.com

AMPRnet: w6swe@w6swe.ampr.org

<http://www.primenet.com/~nielsen>

Date: Mon, 9 Aug 1999 01:34:27 EDT

From: GElam30092@aol.com

To: qrp-1@lehigh.edu

o00o - () - o00

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Mon, 9 Aug 1999 01:53:02 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <Qrp-L@LeHigh.edu>
Subject: [47179] RE: DSW 40 It's alive in Az
Message-ID: <006b01bee22b\$72507860\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Congratulations amigo Gerry !
Did you assembled it ?
I have an SWL40 here that works great...
pretty sensitive receiver, keys very well
too...
But does not have the digital VFO or the
frequency counter annunciator that the
DSW40 has !!!
Try to use a full size half wave 40 meter
band dipole, feed with 50 ohms, as all
those dipoles so close to the ground
are ALWAYS less than the theoretical
73 ohms impedance of the books... so
50 ohms is always nearer to the actual
impedance, although if very low, it can
still show a rather high SWR (dipole
at 0.1 wavelength above ground is something
like 15 or 16 feet above ground...and
Z at center is maybe 25 ohms or less...
hence the 2 to 1 SWR on the 50 ohms coax !!!
73 and will be looking for you on 40mts
at sunrise here (best times to AZ are
from here at sunset and sunrise)
Arnie
C02KK

Date: Sun, 8 Aug 1999 23:20:12 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-l@lehigh.edu
Subject: [47180] Re: DSW-40: It's alive!
Message-ID: <19990808232012.A23843@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Please let me know more about the AZ list. I'd like to subscribe to that.

I missed out on getting a DSW at Ft. Tuthill (car problems delayed me in Phoenix and I didn't get to Flagstaff until long after it was dark on Friday. The kits were long gone when I finally located Dave on Saturday). I ordered a DSW-40 after getting home and hope it shows up soon. I haven't had an operational cw rig for over five years and am in a hurry to get back on the air (I also have a Red Hot NC20 on order).

I'll have to dig out my paddle and get my fist back in shape while I'm waiting for the kits to arrive.

Bob, w6swe

On Mon, Aug 09, 1999 at 01:34:27AM -0400, GElam30092@aol.com wrote:
> Posted a note to the AZ list saying that I had applied power to the DSW-40
> obtained at Ft. Tuthill and it appears to work.
>
> Tonight, I hooked up a simple antenna in the living room and actually heard
> code using it for the first time. It was exciting.
>
> One day this week, I'll get the antenna relocated outside and see if I can
> get on the air. If you hear horrible code emulating from central AZ from a
> QRP radio, it's probably me. :-) Have patience..... I'm relatively new at
> this!
>
> Cheers!
> Gerry, K1LR0
> PHX AZ

--
Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh http://www.primenet.com/~nielsen

Date: Mon, 09 Aug 1999 00:42:36 PDT

From: "Leon Heller" <leon_heller@hotmail.com>
To: kd1jv@moose.ncia.net, qrp-1@Lehigh.EDU
Subject: [47181] Re: A wire wrap question
Message-ID: <19990809074237.38892.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Steven Weber" <kd1jv@moose.ncia.net>
>Reply-To: kd1jv@moose.ncia.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: A wire wrap question
>Date: Sun, 8 Aug 1999 13:53:15 +0000
>
> > before. He is inserting the discretes directly through the board and
>wire
> > wrapping around the round leads. I don't believe this is a proper wire
>wrap
> > technique and will lead to trouble later. I have done this if I had only
>
>Mike,
>
>I have to agree with you. The sharp edges on the square ww pins bite
>into the wire to make a good contact. You woun't get that effect with
>round component leads. For long term reliablitiy, those connections
>would have to be soldered. For a quick prototype that woun't get much
>abuse, could be okay for a while.

You actually get a cold weld at the contact points, giving a "gas-tight"
connection. There used to be a Vero product which used soft tinned copper
wire simply wound round the component leads. It wasn't very popular.

73, Leon

Leon Heller, G1HSM
Tel: +44 (0)1327 357824
leon_heller@hotmail.com
<http://www.geocities.com/SiliconValley/Code/1835>

Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Tnx to all who responded to my question abt soldering crystal cans. It turned out that the can (upper corner, edge) needs some rubbing, pre-tinning a small spot, pre-tinning the wire and then soldering them together (using ordinary solder) preferably fast and not using excessive heat. Interesting point: if there is a pre-tinned spot, avoid it because it may cover a hole in the can and you spoil the vacuum or gases inside.

73, Matt OH2CF

Date: Mon, 09 Aug 1999 08:30:08 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [47184] Re: BNC Connectors
Message-ID: <37AEC9D0.395A8DA4@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes, I found a bunch of Kings KC-59-85 crimp/clamp connectors. Also have a Radial 142-017 for RG-213.--Zack W1VT

Date: Mon, 9 Aug 1999 08:55:58 EDT
From: Bensondj@aol.com
To: qrp-l@lehigh.edu
Cc: Bensondj@aol.com
Subject: [47185] QRP Afield: Rules/ Announcement
Message-ID: <24d4571.24e029de@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

gang-

Here are the rules for this year's 'QRP Afield' operating activity. This event has been sponsored in the past by the New England QRP Club, and it's too good to miss! This is 'one of the big ones', and it's a wonderful time

of year to get outside.

* We've grouped last year's 'portable' and 'roving' categories into one 'portable' category this year. Please note that the rules defining 'portable' operation have changed.

* This year, we've added a Sunday morning bonus session- a 'foxhunt' of sorts. A number of stations will be camped out overnight Saturday, and we want to reward that perseverance. We'll make it worthwhile to contact them again on Sunday!

Operating periods:

- * Sept. 18th (Sat.) 1800-0000Z
- * Bonus session: (below)

Operating categories:

- Home station
- Portable

Portable stations must be located in places that are not regular station locations, and must use no facilities installed for permanent station use. Portable stations must be at least 500' from your home station location.

* Call 'CQ QRP' or 'CQ TEST' around the standard QRP frequencies on any of the legitimate contest bands (e.g, 30M doesn't count).

*Exchange: RST, S/P/C, and output power

Scoring:

Your QSO points total is based on your operating category:

2 points/QSO for Home operation
4 points/QSO for Portable operation

Power multiplier:

over 5W:	x1
1-5W	x2
< 1W	x4

(This is the maximum power you used during the event.)

Stations may be worked on more than one band and will count as a new s/p/c (state/province/country) on each. Your SPC total is the sum of all the s/p/c's worked on all bands.

Your score : (QSO point total) x (your power multiplier) x (SPC total)

Sunday (Sept 19) Bonus session: 7-11 AM *LOCAL time*

Stations which have spent the entire night in the field (tent/trail shelter/camper /mobile) will sign /P after their calls. From 7 AM to 11 AM Sunday, local time, contact these stations (only) for *double* the QSO point-credit. The slate is clean starting Sunday - if you worked 'em on Saturday, you can work the /P stations again on Sunday for QSO and SPC credit. Stations meeting the /P criteria may work all others for the double credit. Vacation homes and other permanent or semi-permanent dwellings do not qualify as /P.

That's it! We have no idea how the Sunday bonus session will work out. Hopefully the participation will be good- we'll consider this an experiment worth trying.

I'll post reporting rules as we get closer in to the actual event. We can count on plenty of good 'soapbox' here on QRP-L, and I'll wrap up the results both here and in other published form. Until then-

72/73- Dave Benson, NN1G
August 8, 1999

Date: Mon, 09 Aug 1999 09:03:31 -0700
From: JPD <jdanter@mail.i-america.net>
To: qrp-l@Lehigh.EDU
Subject: [47186] "Standard QRP frequencies" ?
Message-ID: <37AEFBD3.304D@mail.i-america.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gentlemen,
Newbie Q: what are the "Standard QRP frequencies" ?

Please respond directly.

I am a very recent subscriber to the reflector,
and appreciate the discussions and links.

Thanks,
JP Danter, KF4VOP

Date: Mon, 9 Aug 1999 09:12:45 EDT
From: RobCap@aol.com
To: qrp-1@lehigh.edu
Subject: [47187] Argo 515 Sold; CW Filter Available
Message-ID: <8938185.24e02dcd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Argo 515 has been sold.

The matching 208A Notch, CW filter is still available. This comes in the matching (dark gray or black) case, along with accessory cord which plugs into the back of the 515. Price is \$125 including UPS Ground shipping and insurance within lower 48.

73,

Rob, W3DX

Date: Mon, 9 Aug 1999 09:52:51 EDT
From: GElam30092@aol.com
To: inforhc@mail.infocom.etcscu, qrp-1@lehigh.edu
Subject: [47188] Re: DSW 40 It's alive in Az
Message-ID: <9de0cd71.24e03733@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 8/8/1999 10:53:36 PM US Mountain Standard Time,
inforhc@mail.infocom.etcscu writes:

<< Did you assembled it ? >>

Yes I did...which explains my shock that it actually worked! :-)

<< 73 and will be looking for you on 40mts
at sunrise here (best times to AZ are
from here at sunset and sunrise) >>

I look forward to it. I'll try to get the antenna up tonight/tomorrow and I've got an antenna tuner on the way so I should be actively listening (at least) by the end of the week.

Cheers,
Gerry

Date: Mon, 9 Aug 1999 10:10:22 EDT
From: GElam30092@aol.com
To: nielsen@primenet.com, qrp-1@lehigh.edu
Subject: [47189] Re: DSW-40: It's alive!
Message-ID: <62852ff6.24e03b4e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 8/8/1999 11:22:29 PM US Mountain Standard Time,
nielsen@primenet.com writes:

<< Please let me know more about the AZ list. I'd like to subscribe to that. >>

Take a look at <http://www.extremezone.com/~ki7mn/sqrxpage.htm> There are instructions to subscribing to the AZ QRP list.

<< I missed out on getting a DSW at Ft. Tuthill (car problems delayed me in Phoenix and I didn't get to Flagstaff until long after it was dark on Friday. The kits were long gone when I finally located Dave on Saturday). I ordered a DSW-40 after getting home and hope it shows up soon. I haven't had an operational cw rig for over five years and am in a hurry to get back on the air (I also have a Red Hot NC20 on order). >>

I bet Dave wishes he had brought 50 kits with him! Don't feel too bad. Unless you were standing right there when he walked up, you would still have been out of luck. I was persistent (read: PITA) and managed to time it just right. Like you, I've got *another* kit on order as well as several accessories.

<< I'll have to dig out my paddle and get my fist back in shape while I'm

waiting for the kits to arrive. >>

I look forward to making contact with you! AZ ScQRPions has an informal meeting at Luby's on Dunlop the first Saturday of each month if you want to make a daytrip up. Since you're coming from down south, I can always meet you outside of Ahwatukee (Chandler Rd.) and we can ride up together. There is also a trip planned to Four Peaks in Sept. There should be some discussions about that at the meeting.

Cheers,
Gerry

Date: Mon, 09 Aug 1999 07:48:22 -0700
From: Andy Fox <foxes@theriver.com>
To: k5fx@flash.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47190] Re: Universal Time Coordinated
Message-ID: <37AEEA36.BF96BFA9@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hi,

ISO 9601 defines both date and time format. It makes sense in that it progresses from largest to smallest: year, month, day, hour, minute, second...

The clearest description I have seen is at:
<http://www.cl.cam.ac.uk/~mgk25/iso-time.html>

BTW, "UTC" is a compromise acronym. The English acronym would be "CUT" for Coordinated Universal Time, while the French acronym would be "TUC" for Temps Universel Coordiné. If one listens to the announcement on WWVB or WWVH one will hear "coordinated universal time." (I wonder if CHU announces it in French and English.)

There is a nice explanation of GMT vs. UTC at:
<http://www.apparent-wind.com/gmt-explained.html>

Glen Reid wrote:

>
> There is a new ISO worldwide, numbers only, date standard.
>
> The format is YYYY-MM-DD. Today is 19990807. Largest unit to smallest

> unit is a good way to remember.
>
> You can read all about it at: <http://what-is.com/isodatef.htm>
>
> I believe there is an ISO time format standard also, but I am not
> familiar with it.
>
> I have started to use the ISO YYYY-MM-DD format. I recommend it, it
> will simplify your life.
>
> 73 es gud dx
>
> gr
> --
> GLEN REID
> K5FX/M BGF
>
> Austin...in the beautiful hill country of TEXAS...
>
> Austin QRP Club # Pi
>
> Email: k5fx@arrl.net

--

Andy Fox - KK7HV - Tucson, AZ USA - DM42 - QRP-L #1286

Date: Mon, 09 Aug 1999 07:54:53 -0700
From: Andy Fox <foxes@theriver.com>
To: QRP <qrp-l@Lehigh.EDU>
Subject: [47191] Inductors
Message-ID: <37AEEBBD.8FE73C09@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have some inductors that I picked up in a box o' parts, and I can't
bear to just pitch them out. Please contact me if you are interested.

B&W Miniductor 3001-3005, 3008-3012, 3020, 3024
Air Dux 504T

--

Andy Fox - KK7HV - Tucson, AZ USA - DM42 - QRP-L #1286

Date: Sun, 08 Aug 1999 22:04:31 -0500
From: The Boices <boice@bigfoot.com>
To: <qrp-l@Lehigh.EDU>
Subject: [47192] Re: OT: VE Testing
Message-ID: <3.0.6.32.19990808220431.0091ce30@pop.netzero.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Well, as a registered ARRL VE, I would prefer the ARRL
>session, but then again I have never seen a W5YI session
<snip>
>It is more relaxed, but no funny business allowed,
>and it is graded while you wait, and the csce is issued,
>providing you pass, before you leave.

FWIW, I took the Extra theory and code exam Saturday morning (and passed!)
in Amarillo, TX, from the local club. They're part of the W5YI VEC, and
things there were just fine - relaxed, friendly, everything done promptly &
courteously. I would have been quite satisfied with the session even if I
hadn't passed (tho upset with myself).

72,

Mike Boice, KW1ND/AE
Canyon TX
QRP-L # 576 ARCI ARS # 188 K2 # 185

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Date: Mon, 9 Aug 1999 11:04:02 -0400
From: "Charlie Fitts" <cfitts@neca.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47193] OHR 500 Sidetone Distortion Mod
Message-ID: <199908091504.LAA03054@orion.neca.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For some time after I built my OHR 500, I had a kind of baffling problem
with sidetone audio distortion. The problem could be circumvented by doing
any one of three things: turning down the AF gain, turning down the TX

power, or turning off the audio filter. But with the AF gain and TX power maxed out and the audio filter turned on, the sidetone distortion on transmit would be so bad that it came out only as a series of clicks.

For some reason one day while the OHR 500 was connected to my variable voltage power supply, I tried varying the voltage slightly while listening to the receiver and noticed that the audio would "cut out" briefly whenever I turned the voltage up or down - less than a .5 volt variation would do it. I got to wondering if this could be related to the sidetone problem.

I first measured the voltage variation at the rear panel at the power cord jack when the rig went from xmit to receive. It was .5 volts with the TX power set to max. I then replaced the power cord/jack/plug combination with a short piece of 18 AWG two conductor wire connected directly to the on/off switch thru an inline fuse holder. With a 5 amp fuse in the holder, voltage variations were reduced to .2 volts at the on/off switch when the rig shifted between xmit and receive. I would have preferred using a smaller fuse, maybe 2 amps, but the voltage drop was greater. This change made a noticeable improvement in the sidetone distortion problem but did not eliminate it.

I was suspecting an electrolytic capacitor as the real culprit at this point and noticed that there is one (C208) at the tail end of the audio filter that was at the right point in the circuit that it could be effected by both the AF gain control and the filter in/out switch. There is a 10K resistor (R212) connecting C208 to ground that would serve to stabilize this capacitor during voltage variations. It was an easy test to take a couple of those jumper wires with the small spring loaded hooks and to parallel another smaller resistor with R212. I tried various values and when I got down to 1.1K, the audio sidetone distortion problem disappeared.

The smaller resistor allows C208 to adjust more quickly to voltage variations than the 10K resistor does. Another solution might be to reduce the size of C208, but I would have had to remove the board to do this so paralleling R212 was easier.

The three seemingly unrelated ways to circumvent the problem originally now make sense because turning down the AF gain allows C208 to stabilize through R202 (the AF gain pot), turning down the TX power out reduces voltage swings, and turning off the audio filter takes C208 completely out of the circuit.

It looks as if using too small a resistor at R212 could have the same effect as turning down the volume control, but while listening to the NAQP, no difference in the receive audio volume or the filter performance could be perceived by ear if I alternately connected and disconnected the paralleled 1.1K resistor. In my case, the correct value for R212 was found to be around 1K but this was found by trial and error, and after I had

replaced the original power cord. I suspect the problem could be solved without replacing the power cord, but you would need an even smaller value resistor at R212. However, if you have a couple of those jumpers with the spring loaded hooks (real handy to have around), and you are having the sidetone distortion problem in your OHR 500, you should be able to find a new value for R212 that will solve your problem.

73/72

Charlie Fitts, N1EI

Date: Mon, 09 Aug 1999 11:03:21 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [47194] Maryland needs team members
Message-ID: <3.0.5.32.19990809110321.00818af0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

well I asked Bruce about the need for foxes, but he thinks I'll put out a request to see if anyone would like to form a team in MD. I haven't a name for the team, but if no takers, sniff sniff will someone let me join? I always wanted to be a Texan.<g>

73 de Scott/n3byy

Date: Mon, 9 Aug 1999 12:17:40 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [47195] FOX TEAM QUESTION
Message-ID: <19990809.122245.-314583.2.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

HEAD HONCHO fox team rules etc...

can I get a member from Louisiana to help out his displaced cajun brother in maine????

Also We need one more member for the winning team from maine and thereabouts...

Joel KE1LA

In Maine

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Date: Mon, 09 Aug 1999 12:30:12 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [47196] Re: THANK YOU\! (was: pacemakers & ham radio)
Message-ID: <37AF0214.504A@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Dolson wrote:

> I would like to say a big "THANK YOU" to the dozens of hams who sent me
> information on pacemakers. My dad is feeling a lot better about the
> situation. He will work with his doctor and an engineer at whatever
> company makes the pacemaker he will be receiving to determine how best
> to minimize interference.

> Thanks again. QRP-L has the best group of people on the net.

Hi, Jim,

I figured out your callsign from your name, and I sent you the ARRL info package on pacemakers.

If any of those who responded to you feel they have info that ARRL should add to its packages, please send it to me here at ARRL HQ.

73,
Ed, W1RFI
ARRL Lab

Date: Mon, 9 Aug 1999 10:07:00 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'QRP-l List Server'" <qrp-l@Lehigh.edu>
Subject: [47197] Circular Punch for Manhattan Style Construction..
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE0326@hq-expo2.filenet.com>

My apologies for igniting another massive (and perhaps unnecessary) thread owing to my limited and feeble memory, but does anyone have the URL or address for the company that offers the punch suitable for making those circular PCB islands? Harbor Island? Harbor Press?

..thanks in advance.

Date: Mon, 09 Aug 1999 12:12:39 -0500
From: Michael Melland <badger@vbe.com>
To: wphinizy@filenet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47198] Re: Circular Punch for Manhattan Style Construction..
Message-ID: <37AF0C07.11E2368D@vbe.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Harbor Freight....

<http://www.harborfreight.com>

I bought one about two weeks ago and they are pretty handy. Also in my latest catalog from last week they are about \$2 off the regular price of \$19.

73 de Mike, W9WIS

Date: Mon, 9 Aug 1999 10:09:00 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [47199] BNC's for RG8 and "D" punches
Message-ID: <Pine.GS0.4.10.9908090940300.29414-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi all,

Several people asked about the above....here is what I have found out.

.500 "D" punch by Greenlee can be had from Newark for \$161.09.
.769 "Double D" punch by Greenlee, same source is \$188.67.

Several sizes are available.

Local discount tool supplier can get them for about \$15 less.

Web site for catalogs:

<http://greenlee.textron.com/greenlee/index.html>

<http://www.newark.com/>

BNC connectors for RG8 coax (and many, many other sizes) are also listed in Newark's catalog.

Made by both AMP and Amphenol.

Amphenol also has the BNC terminators with 1 watt, 50 ohm resistors, \$1.64 in the Newark catalog.

Hope this is of some help.

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 09 Aug 1999 17:12:44 +0000
From: Ed Loranger <we6w@qsl.net>
To: ae4ic@nr.infi.net, clofgren@BENSON.MCKENNA.EDU
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47200] Re: ZM-2 calibration experiments?
Message-ID: <37AF0C0C.5B66@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang. I'd like to thank all of you who know the ZM-2 circuit and shared your insight. I was in error in my description as I recalled it from memory. Next time I'll have schematic in hand and brain in gear before hitting the send button -- Har!

I must have not made it clear that my zm-2 works perfectly

as I received some email suggesting I troubleshoot and/or build it correctly next time and/or learn to use it as it is designed.

Golden QRP Accolades to Charlie/W6JJZ who really helped out. Thanks Charlie! You 'da Man! Also to Bob/AE4IC who provided an accurate summary of the ZM-2 operation.

As usual, a seemingly silly question has resulted in educating me. Thanks all!

72/Ed we6w

--

-Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Mon, 09 Aug 1999 13:23:11 -0400
From: "David Hurley,n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [47201] K2K / Special Event
Message-ID: <37AF0E7F.DA7E37DF@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you got the Y2K thing worked out, try K2K.

I will be on 20 and 40 meters, around the calling frequencies, Monday(8/9) with the Special Event Station K2K.

The David Sarnoff Radio Club will be celebrating the 325 th anniversary of the founding of Kingston, NJ. Kingston is in Central New Jersey, just a splash away from Princeton and a few bus stops from Trenton, NJ.

We had a big parade on Saturday. Lots of kids, fire engines, drunken firemen, Budwiser girls, cotton candy, budwiser girls. You know, typical small town stuff.

We provided radio support for the p-rade, drove the Red Cross Truck(the club is involved with that too) and had a

fun day. We operated a station under the tent(right next to the fire station siren) for a number of hours but the band was not kind.

I have the call sign until midnight so I hope to make a few contacts. I will be mainly qrp, looking for qrp. QSL is via N2GJ. SASE for a nifty certificate.

Be gentle. I can't send and log at the same time.

72
David,n2zhy
Princeton,NJ

Date: Mon, 9 Aug 1999 13:25:46 EDT
From: PUNISHER3@aol.com
To: Bensondj@aol.com
Cc: qrp-1@lehigh.edu
Subject: [47202] Re: QRP Afield: Rules/ Announcement
Message-ID: <c72c7e4c.24e0691a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I know you said that people sign /P Sunday morning, but on Saturday, how do we know if the station is Portable or at home, or does the /P work for both days if portable?

Ben
NW7DX

<< Scoring:

Your QSO points total is based on your operating category:

2 points/QSO for Home operation
4 points/QSO for Portable operation
>>

Date: Mon, 9 Aug 1999 13:34:00 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <bcd1r@midwest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [47203] RE: S0239 "D" Punch
Message-ID: <NBBBJDEEIFDDANGEGHLBCEHNGIAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys... before you spend all this \$\$\$ for D-punches, consider getting appropriately-sized, toothed lock washers, and use a little epoxy or superglue in one or two 1/4" spots as you tighten things down. They WON'T come loose, will still have plenty of contact with ground, and can be removed should the occasion arise. You can buy a LOT of lockwashers and epoxy for \$160!!!

72 / 73 Ed N4XY email: <n4xy@arrl.net>

Date: Mon, 9 Aug 1999 10:20:03 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-l@lehigh.edu
Subject: [47204] Re: OT: VE Testing
Message-ID: <19990809102003.E25318@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Sun, Aug 08, 1999 at 10:04:31PM -0500, The Boices wrote:
> >Well, as a registered ARRL VE, I would prefer the ARRL
> >session, but then again I have never seen a W5YI session
> <snip>
> >It is more relaxed, but no funny business allowed,
> >and it is graded while you wait, and the csce is issued,
> >providing you pass, before you leave.
>
> FWIW, I took the Extra theory and code exam Saturday morning (and passed!)
> in Amarillo, TX, from the local club. They're part of the W5YI VEC, and
> things there were just fine - relaxed, friendly, everything done promptly &
> courteously. I would have been quite satisfied with the session even if I
> hadn't passed (tho upset with myself).

I think it is often a function of the personalities of the VEs involved in the test session, rather than which VEC they are associated with.

We has a good VE session (ARRL-VEC) at Ft. Tuthill. I was a bit disappointed there weren't more people taking the code tests. The theory test was held in another building and was quite crowded. I

believe there were 68 participants in all (we could have used more VEs, however.) Unfortunately, I missed most of the QRP Symposium and some other meetings as well, but I feel it was worth it.

Bob

--

Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh http://www.primenet.com/~nielsen

Date: Mon, 9 Aug 1999 13:51:40 -0400
From: "wb8qyy" <wb8qyy@one.net>
To: <qrp-l@Lehigh.edu>
Subject: [47205] cincinnati qrp club
Message-ID: <001501bee28f\$d6b0e330\$6401020a@lsiindustries.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey all,

Does anyone know of a QRP club in the greater Cincinnati, Ohio area?
If not, is anyone in the Cincinnati area interested in starting one?
It would be very handy to have some local qrp'ers to help field test
antennas and new rigs.

Dieter Gentzow
WB8QYY
Loveland, Ohio

Date: Mon, 09 Aug 1999 18:12:26 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [47206] WSN-40 Net, summary report.
Message-ID: <37AF1A0A.21AA@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good Morning/etc. gang. The WSN-40 net was very interesting on Saturday.

I was up early and played radio for 1.5 hours prior to the net. The band was great and signals were fairly clear with only a moderate problem with long-path.

After a short 30 minute break I called CQ WSN just as the WWV synchronized radioshack clock struck 9:00 AM Pacific time.

Signals were way down. We did get 14 check-ins but it took relays with our primary net leader, Tom/W6JHQ. He heard about 7 stations and I heard the rest.

Young Nicholas/AD6IT who lives across town from me operated the 49er I built. He was 239 at my QTH but 579 down in Southern CA. Definitely short skip condx here. It was great to have Nicholas Check into (QNI) his first CW net. He seemed at ease and fit right in. It is a lot less stressful to check into a net than most people believe. Nicholas seemed very relaxed.

As of Sunday night, Nicholas begins his 7 day stay with his grandma in her Yosemite cabin. 14 yr. old Nicholas is very happy to know the qrp-l gang will be listening to his 1 watt 49'er on 7039 thru 7044 KHz this week.

We hope AD6IT can QNI again and often. And hopefully propagation will be better next time. But what is great is how we all pulled together to keep the net going. The offers of relays (QSP) really helped. We did make this a good net.

72 all, Ed we6w.

--

-Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Sun, 08 Aug 1999 04:57:06 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: boice@bigfoot.com, qrp-l@lehigh.edu
Subject: [47207] Re: OT: VE Testing
Message-ID: <37AD6282.55E20B8C@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Congratulations on your upgrade. and I think most sessions
regardless of which VEC they represent, are as you found .

73

--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Mon, 9 Aug 1999 12:24:01 -0600

From: "Marshall Emm" <mgemm@mtechnologies.com>

To: Morse.Express@edison.chisp.net, CQCList@cqc.org, cw@qth.net, qrp-1@lehigh.edu

Subject: [47208] New OHR100A Pictures

Message-ID: <199908091829.MAA27493@edison.chisp.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

I've posted some new pictures of the Oak Hills Research 100A CW transceiver on
the web, at <http://www.ohr.com/100adet.htm> . The pictures show the kit before
construction, the completed board, and the completed transceiver, with and
without the recently announced keyer option.

Date: Mon, 09 Aug 1999 13:47:16 -0500

From: "George T. Baker" <w5yr@swbell.net>

To: ku7y@dri.edu

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [47209] Re: BNC's for RG8 and "D" punches

Message-ID: <37AF2234.3BC69392@swbell.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Monte Stark wrote:

> .500 "D" punch by Greenlee can be had from Newark for \$161.09.
> .769 "Double D" punch by Greenlee, same source is \$188.67.

Think I'll go ahead and spend all the money and just leave the Greenlee punch set to the kids!

--

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Date: Mon, 09 Aug 1999 20:03:05 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [47210] Early impressions: End Fed antenna.
Message-ID: <37AF33F8.49A5@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang. For those who missed it, I've got a new rental QTH and there is ONE TREE. Right next to the power lines. And only up about 25 feet.

So I've got a 66 foot, half-wave sloper for 40 Meters. It runs north/south from 7 feet to 25 feet up. I have been experimenting with different feed arrangements and trying to get caught up with some of you veterans out there :)

I tried a 1/4 wave open wire feed, zepp-style with one feedline wire floating. Signal reports over a week's time were about 2 S-units down, always.

I was tempted to go directly to a 3/4 wave wire and add a 1/4 wave to the other side of the line, and Ade/w0rsp liked that idea a lot. But I held off and am trying to force myself to move slowly. I know once I get good signals I'll slow down on testing and might miss some knowledge gathering sessions out in the yard.

Next pass was 1/2 wave- Openline feeders-50 ft wire at the other side. An OK improvement and easier to tune than the zepp feed. But not the best in signal reports. Usually 2 S-units down and sometimes only 1 S-unit down.

OK. Went to Radio Shack and spent \$9.00 on a nice copper ground rod. 4 feet in length. I heated the end with my torch and alternated the torch with feeding solder to a heavy wrap of #14 AWG at the tip of the rod. The wire had nice loops in it for clipping on alligator clip radials in the future and makes it easier to solder groundplane wires to the rod without soldering to the rod.

After easily pounding the rod into the ground down to the compression screw connector, I connected one end of my openline wire to the rod. Silver Soldered it. The other end of the open line I used a wirenut and connected it to the half-wave.

I am now hitting big. All reports from QRP'ers are identical. This is the ticket!

So in summary, I found the end-fed wire worked better when fed against ground. (Big news, eh? <vbg>.) I know, I know, but I wanted to try the zepp feed! Ok?

Har. Anyway, I also checked field strengths using two methods. One, a standard RS meter with 8 inch field probe. The other was using a field probe suction-cupped to the window in my shack and the BNC cable to the Spectrum Analyzer input, 0 dB RF attenuation.

FS measurements were very conclusive and matched on-air tests. However, I did not plot Near-field patterns, to the chagrin of many readers :)

Maybe later.

Next steps will incorporate repeated tests with the zepp-feed system and find the peak RF Field result with different combinations of antenna resonance and feedline lengths. (Electrical). It may be that my feedline didn't do the job a zepp feedline should be if cut correctly. I'll cut 1/4 wave Tx feedline and re-dip the half-wave wire and repeat my measurements. The first pass was a quick look.

Though for quick antenna installations I'd go for the dependable and easily deployed half-wave fed against ground.

I'll also look into the 3/4 wave+1/4 wave offset fed dipole which

shows big promise for my particular yard layout.

For now, an end-fed antenna with connected ground is a good performer at this humble ham shack.

72/Ed we6w

--

-Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Mon, 09 Aug 1999 13:01:26 -0700
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47211] Re: BNC's for RG8 and "D" punches
Message-ID: <37AF3396.F22942B5@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"George T. Baker" wrote:

>
> Monte Stark wrote:
>
> > .500 "D" punch by Greenlee can be had from Newark for \$161.09.
> > .769 "Double D" punch by Greenlee, same source is \$188.67.
>
> Think I'll go ahead and spend all the money and just leave the Greenlee
> punch set to the kids!
>

Yep,

And y'all thought that ~\$50 for the round punches was bad, eh?

--

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 09 Aug 1999 13:23:34 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [47212] EE text suggestions requested for self-study
Message-ID: <37AF38C6.7B7C@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I recently acquired a copy of the Wes Hayward book entitled
Intro to RF Design. I am finding that not having a EE undergraduate
education a definite disadvantage as I work through the book. (I
was seduced by theoretical physics...)

I would like to field suggestions on books for two courses apparently
in the std EE curricula: Network/circuit analysis and solid state
electronics. Please, currently available books only and preferably
from someone actually teaching in a EE dept. I have a copy of
Gibbons' Solid State Electronics but it is older than my oldest
son!!

Please reply privately!

Allan K7GT

k7gt@arrl.net

--

	/	
	/	
Allan Taylor K7GT	/Z \	FISTS 3222 ARS 228
k7gt@arrl.net	/ /599 \	DXCC and WAS 40/cw
Pleasanton CA CM97aq	/_ /____ __\	http://www.qsl.net/k7gt
...QRO, QRP, or barefoot.....	[\--=====-/	

~~~~~

-----  
Date: Mon, 9 Aug 1999 15:24:19 -0500  
From: "Mark Hogan" <mhogan@email.msn.com>  
To: "QRP LIST" <qrp-l@Lehigh.EDU>  
Subject: [47213] Hi gain wires  
Message-ID: <007c01bee2a5\$3a8616e0\$6ae60181@mhoganws>

So I'm looking for a better 20m signal and wonder what the group thinks

about a sterba array for 20. I have not done the math, so I don't know if I even have enough room for one.

Also has anyone out there used the MFJ1793 (I think thats the vert with 80/40/20 in it). I'm thinking a 40m vertical would be a nice signal.

I have a pipe mast 45' tall, I wonder if a gamma match might work on that? Trying to maximize my SST and NC20.

Mark Hogan/ N50BC

-----  
Date: Mon, 9 Aug 1999 15:33:46 -0500  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [47214] RE: Hi gain wires  
Message-ID: <000001bee2a6\$7b70c870\$ef5d6f81@uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I've not heard any good reports on the MFJ antenna. I have a 40' flagpole that I'm using for a vertical. Lots of ground radials (32) and a gamma match. Works like a charm.

Kevin, WB5RUE

Leeniers? We dunt need no steenking Leeniers!

> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU  
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> Mark Hogan  
> Sent: Monday, August 09, 1999 3:24 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Hi gain wires  
>  
>  
> So I'm looking for a better 20m signal and wonder what the  
> group thinks  
> about a sterba array for 20. I have not done the math, so I  
> don't know if I  
> even have enough room for one.  
> Also has anyone out there used the MFJ1793 (I think thats the

> vert with  
> 80/40/20 in it). I'm thinking a 40m vertical would be a nice signal.  
> I have a pipe mast 45' tall, I wonder if a gamma match might  
> work on that?  
> Trying to maximize my SST and NC20.  
>  
> Mark Hogan/ N50BC  
>  
>  
>  
>

-----  
Date: Mon, 9 Aug 1999 16:37:25 EDT  
From: K2UD@aol.com  
To: ku7y@dri.edu  
Cc: qrp-1@lehigh.edu  
Subject: [47215] Re: BNC's for RG8 and "D" punches  
Message-ID: <ad4f86e7.24e09605@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The standard round Greenlee punches will cost significantly less than the "D" type. I believe it is 5/8" for SO-239 holes. The 3/8" for the BNCs I have I have punched with a Roper Whitney hand punch (kinda expensive, unless you punch a lot of holes!).

Mouser carries Greenlee punches of various types.

GL es 72

Howard Kraus, K2UD

-----  
Date: Mon, 9 Aug 1999 16:54:34 EDT  
From: Bensondj@aol.com  
To: PUNISHER3@aol.com  
Cc: qrp-1@lehigh.edu  
Subject: [47216] Re: QRP Afield: Rules/ Announcement  
Message-ID: <15ce12e1.24e09a0a@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Ben-

>> I know you said that people sign /P Sunday morning, but on Saturday, how do we know if the station is Portable or at home, or does the /P work for both days if portable?

<<

Doesn't matter- work anybody on Saturday- it's a 'free-for-all'- and no need for the /P suffix then- it doesn't affect the scoring. Sunday morning you're finding and working the stations who are signing /P - they're worth the bonus points.

72/73- Dave, NN1G

-----  
Date: Mon, 9 Aug 1999 14:06:24 -0700  
From: "John Moriarity" <k6qq@hdo.net>  
To: <herr@ridgecrest.ca.us>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [47217] Re: A wire wrap question  
Message-ID: <005d01bee2ab\$1d005a80\$e6424cd1@k6qq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Wire wrap is indeed only intended to be done on the square posts!

If done properly, the wire deforms at the corners of the post and it makes a "gas tight" connection of remarkably high reliability.

What you have been doing is what I always did. Why does your tech think that headers were created? If your budget will stand it, I'd have him do it over.

72,

John, K6QQ  
Alturas, CA, corner of 299 & 395.

-----  
Date: Mon, 09 Aug 1999 21:11:56 +0000  
From: Goran Hosinsky <hosinsky@royac.iac.es>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [47218] Portable vertical idea  
Message-ID: <37AF441C.2A3EA447@royac.iac.es>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi,

With the new German fishing pool it should be easy to put up a half wave vertical for 20 meters. At the seaside that should work better than a low dipole and people on the beach does not like to get their feet tangled in radials.

Would this be a good idea?:

run coax up to half height (rg174 ok for this short run). Run a wire up to the top, this is one half of the dipole, connected to the center conductor of the coax. Pull the shield from an old, thicker coax on the outside of the coax downwards, connected to the shield of the coax, this is the second half of the vertical dipole. Some turns of the feed line around a ferrite core where it leaves the shield-second-half-of-dipole would probably be recommendable.

73

Goran ea8yu on a small island in the Atlantic

-----  
Date: Mon, 09 Aug 1999 17:00:01 -0400  
From: mike kc4idz <santomas@gte.net>  
To: qrp-l@lehigh.edu  
Subject: [47219] tt 1253 regen  
Message-ID: <37AF4151.4FB3DCB3@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Michael Bryce did a article on the 1253 in the august 96 issue of  
73 mag and gave it a thumbs up.  
Just my 2 cents worth  
mike kc4idz  
st.pete.fl.

-----  
Date: Mon, 9 Aug 1999 16:33:31 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [47220] NOV/DEC 1998 QEX REGEN RCVR  
Message-ID: <00f901bee2ae\$f49e3b30\$6366d6d1@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang,

I was reading the qrp-1 CD-ROM, and I ran across this article. Basically,  
I'm looking for a copy of the article and would appreciate it if one of you  
fine gentlemen could scan and e-mail a copy of it to me. I'd love to use  
this receiver with my 250mW, home-brew xmitter :^).

\*\*\*\*\*

> Homebrewers,  
> Check out Nov/Dec "QEX" (experimenters journal from  
> ARRL) for a great article on homebrewing regens. Charles  
> Kitchin, N1TEV, has written a nice little  
> piece and if you've ever wanted to operate a regen, read  
> on. Built his "Junk Box Special" here with parts on  
> hand(YES-all of them!) and the performance is nothing short  
> of amazing. This is not an amplified xtal set! My  
> "Special" covers about 3.2 to 12.1 Mhz and easily drives a  
> speaker. Strong SW stations come booming in with surprising  
> fidelity. You can copy AM, CW, and SSB. Kitchin's  
> throttle-capacitor circuits are simple, highly effective,  
> and easy to operate. This is one "project" that has  
> quickly become an "appliance"--makes a great WWV/SW  
> monitor! Main parts for the "Special" --2N2222 RF amp,  
> MPF102 detector, 386 audio amp, couple-three air vari-caps  
> from some defunct AM sets, 35 mm film can for coil form,  
> 10K pot, few caps, few resistors....need I say more???  
> build it! I'm collecting the parts now for the second



> radio in the article, a high-performance version with  
> plug-in coils and a low-noise op-amp for the audio. It uses  
> a 2N2907 RF amp and a J310 detector....Check it out! Mike  
> KI0AF Mo. Valley, IA

-----  
Date: Sun, 1 Aug 1999 14:45:26 EDT  
From: "Philip G. Collier" <borealis@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [47221] Re: Heathkit Green  
Message-ID: <19990809.175740.3830.0.borealis@juno.com>

On Sat, 31 Jul 1999 13:16:39 -0400 Michael Bower <bowerm@ix.netcom.com>  
writes:

>I took the cover off my HW-101 PS and took it to Home Depot. They put  
>it into their little light sensing machine and, voila, I had the

Michael, what were the numbers they used to mix your quart of heathkit  
green? I am considering an HR-1680 refurbishment and would be a happy  
dancin' camper if you would post the mixture...

BTW, if anyone is planning to repaint a whole enclosure, there are some  
nice airbrush / paintsprayers in most of the better auto-parts shops. The  
well known "power painters" are okay too, but are a bit pricey.

<Grin> Maybe the XYL will believe my "painting numerous rooms" story...

72,  
Phil KG2DH

-----  
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-----  
Date: Mon, 9 Aug 1999 21:50:50 +0100  
From: Larry Cahoon <wd3p@juno.com>  
To: ku7y@dri.edu, qrp-1@Lehigh.EDU  
Subject: [47222] Re: NAQP  
Message-ID: <19990809.220124.4038.0.wd3p@juno.com>

On Sun, 8 Aug 1999 18:58:54 -0700 (PDT) Monte Stark <ku7y@dri.edu>  
writes:

>get a bit of "rate" and I posted the info to show just  
>how bad the condx were.

>

.

.

>

>So for those who were wondering why the bands seemed  
>so bad, it's because they really were!

Conditions weren't all that bad. I stayed mostly on 20 meters and ended  
up with 24 states including OR and WA....Those guys in CA just could not  
copy the East Coast. If I'd stayed up a bit and got on 40 and 80 more I  
could have easily upped that total. Ended up with 60 QSO's. Oh, did I  
say I ran my 500 mWatts into a dipole.

>

>It hard to contest in the summer! :-)

I do like the Jan version better

73 de Larry.....WD3P in MD

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End of QRP-L Digest 1543

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